

Serial Number: 10/045,674

CRF Processing Date: 6/29/2002
Edited by: AR
Verified by: AR (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☒ Corrected an obvious error in the response, specifically:
21507 response
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____



OIPE

RAW SEQUENCE LISTING

DATE: 06/27/2002

PATENT APPLICATION: US/10/045,674

TIME: 19:31:36

Input Set : N:\Crf3\06112002\J045674.raw

Output Set: N:\CRF3\06272002\J045674.raw

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1 <110> APPLICANT: LADNER, ROBERT C.
2      COHEN, EDWARD H.
3      NASTRI, HORACIO G.
4      ROOKEY, KRISTIN L.
5      HOET, RENE
6      HOOGENBOOM, HENDRICUS R. J. M.
7 <120> TITLE OF INVENTION: NOVEL METHODS OF CONSTRUCTING LIBRARIES COMPRISING
8      DISPLAYED AND/OR EXPRESSED MEMBERS OF A DIVERSE FAMILY
9      OF PEPTIDES, POLYPEPTIDES OR PROTEINS AND THE NOVEL
10     LIBRARIES
11 <130> FILE REFERENCE: DYAX/002 CIP2
12 <140> CURRENT APPLICATION NUMBER: US/10/045,674
13 <141> CURRENT FILING DATE: 2001-10-25
14 <150> PRIOR APPLICATION NUMBER: 60/198,069
15 <151> PRIOR FILING DATE: 2000-04-17
16 <150> PRIOR APPLICATION NUMBER: 09/837,306
17 <151> PRIOR FILING DATE: 2001-04-17
18 <160> NUMBER OF SEQ ID NOS: 635
19 <170> SOFTWARE: PatentIn Ver. 2.1
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23 <212> TYPE: DNA
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26 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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33 <212> TYPE: DNA
34 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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39     cacatccgtg cttcttgcac ggatgtggca cagtaataca catg      44
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43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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53 <212> TYPE: DNA
54 <213> ORGANISM: Artificial Sequence
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56 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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62 <211> LENGTH: 47
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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68 <400> SEQUENCE: 5
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76 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
77      oligonucleotide
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79      cagaatggac tgtaagacac                                20
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84 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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Output Set: N:\CRF3\06272002\J045674.raw

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109 <221> NAME/KEY: modified_base
110 <222> LOCATION: (10)..(24)
111 <223> OTHER INFORMATION: A, T, C, G, other or unknown
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W--> 113     cacgaggagn nnnnnnnnnn nnnn                                24
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117 <212> TYPE: DNA
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129 <220> FEATURE:
130 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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135 <210> SEQ ID NO: 12
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139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of Artificial Sequence: 6 His tag
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143         1             5
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150 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
151     oligonucleotide
152 <220> FEATURE:
153 <221> NAME/KEY: modified_base
154 <222> LOCATION: (6)..(10)

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Input Set : N:\Crf3\06112002\J045674.raw

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166 <220> FEATURE:
167 <221> NAME/KEY: modified_base
168 <222> LOCATION: (1)..(6)
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W--> 171      nnnnnngaga c                                11
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179      oligonucleotide
180 <220> FEATURE:
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182 <222> LOCATION: (11)..(24)
183 <223> OTHER INFORMATION: A, T, C, G, other or unknown
184 <400> SEQUENCE: 15
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188 <211> LENGTH: 24
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
193      oligonucleotide
194 <220> FEATURE:
195 <221> NAME/KEY: modified_base
196 <222> LOCATION: (1)..(14)
197 <223> OTHER INFORMATION: A, T, C, G, other or unknown
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W--> 199      nnnnnnnnnn nnnncacatc cgtg                    24
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203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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Input Set : N:\Crf3\06112002\J045674.raw

Output Set: N:\CRF3\06272002\J045674.raw

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209      gtgtattact gtgc                                     14
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213 <212> TYPE: DNA
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216 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
217      oligonucleotide
218 <400> SEQUENCE: 18
219      cacatccgtg cacggatgtg gcacagtaat acac               34
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222 <211> LENGTH: 14
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
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226 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
227      oligonucleotide
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229      gtgtattaga ctgc                                     14
231 <210> SEQ ID NO: 20
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233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
237      oligonucleotide
238 <400> SEQUENCE: 20
239      gcagtctaatacaccacatc cgtgcacgga tgtg               34
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242 <211> LENGTH: 34
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244 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
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247      oligonucleotide
248 <400> SEQUENCE: 21
249      cacatccgtg cacggatgtg gtgtattaca gtcc               34
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253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
257      oligonucleotide
258 <400> SEQUENCE: 22
259      ggactgtaag acac                                     14
261 <210> SEQ ID NO: 23
262 <211> LENGTH: 34

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/045,674DATE: 06/27/2002
TIME: 19:31:38Input Set : N:\Crf3\06112002\J045674.raw
Output Set: N:\CRF3\06272002\J045674.rawPlease Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:15; N Pos. 11,12,13,14,15,16,17,18,19,20,21,22,23,24
Seq#:16; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14
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Seq#:86; N Pos. 4,5,6,7
Seq#:87; N Pos. 6,7,8,9,10,11
Seq#:88; N Pos. 1,2,3,4,5,6
Seq#:89; N Pos. 4,5,6,7
Seq#:90; N Pos. 3,9,12,21,30,33,39,51,57,60,69,72,75,87
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Seq#:349; N Pos. 7,8,9,10,11
Seq#:356; N Pos. 8,9,10,11,12,13,14,15
Seq#:357; N Pos. 7,8,9,10,11,12,13,14,15,16,17
Seq#:358; N Pos. 7,8,9,10,11,12,13,14,15,16,17
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Seq#:363; N Pos. 6,7,8,9,10,11,12,13,14,15,16,17,18
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Seq#:371; N Pos. 7,8,9,10,11,12,13,14,15,16,17
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/045,674DATE: 06/27/2002
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Input Set : N:\Crf3\06112002\J045674.raw

Output Set: N:\CRF3\06272002\J045674.raw

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/045,674DATE: 06/27/2002
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Output Set: N:\CRF3\06272002\J045674.raw

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